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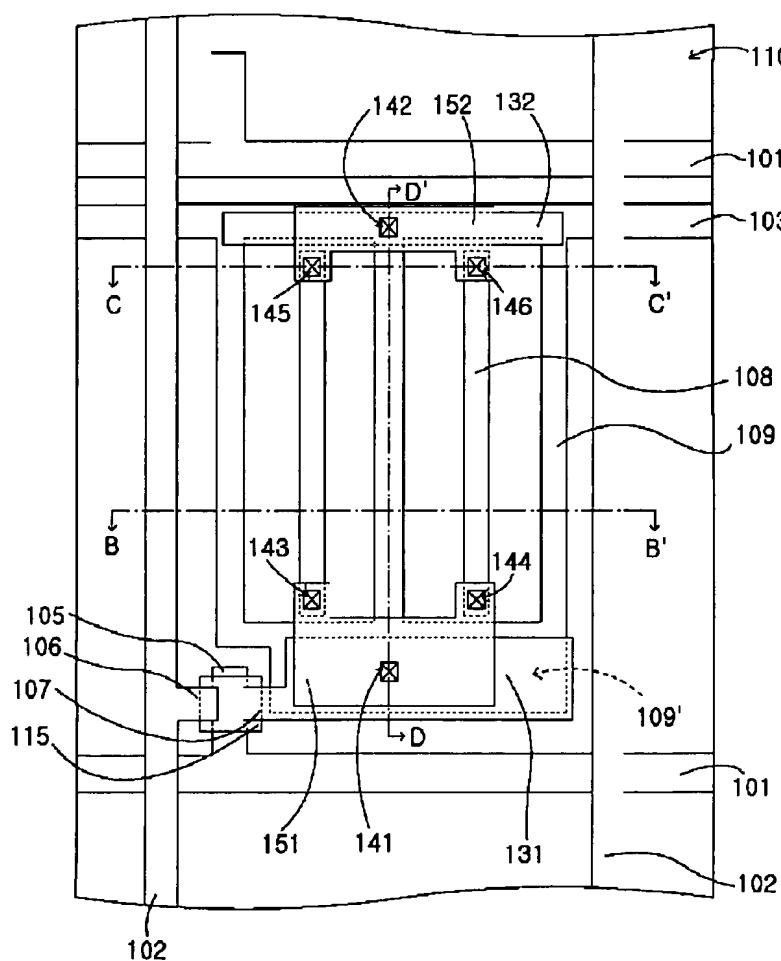
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(30) Priority:

(54) Title of Invention

TRANSVERSE ELECTRIC FIELD TYPE LCD AND FABRICATION METHOD OF THE SAME

Representative drawing



(57) Abstract:

PURPOSE: A transverse electric field type LCD and a fabrication method of the same are provided to enhance CD uniformity and picture quality by forming data and common electrodes with same material.

CONSTITUTION: A transverse electric field type LCD comprises gate and data lines (101,102) formed on a first substrate(110), common lines (103), TFTs, and a gate insulation film(112). The gate and data lines(101,102) form plural pixels. The common lines (103) are parallel to the gate lines(101). The TFTs are respectively formed on the cross points of the gate and data lines (101,102). The TFT consists of a gate electrode(105), the gate insulation film(112), a semiconductor layer(115), a

source electrode(106) and a drain electrode(107). A common electrode(10 ) is connected to the common line(103) to be parallel to the gate line(101). The gate insulation film(112) covers the gate and common lines(101,103), the gate electrodes (105), the data electrodes(108) and the common electrodes(10 ).

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